

Notes

1. Do not scale from this drawing.
2. All dimensions are in millimetres unless specified otherwise.
3. Drawing originator shall be notified in writing of any discrepancies.
4. This drawing shall be read in conjunction with all other MEP Structural and Architectural tender drawings, specifications and equipment schedules.
5. This drawing is to be used for the preparation of installation drawings. This drawing is not to be used for fabrication or installation.
6. External luminaires shall be fed from the dedicated external lighting distribution Board (ELDB) shown on this drawing.
7. Lighting Controls
 - 7a. Primary automatic control via photocell(s) programmed to energise luminaires to 100% output when ambient external light falls below 20 lux. Luminaires shall remain energised until the photocell(s) detect ambient natural light has reached 100lux. At which point the luminaires shall automatically switch off.
 - 7b. Automatic override control - Photocell control shall be overridden automatically via an astrological time clock, commissioned to Greenwich mean time (GMT) with automatic adjustment for British daylight saving and British Summer Time. The equipment shall be supplied with a photocell and photocell sensor. The timeclock shall be commissioned to automatically switch off external luminaires between 23:00 and 07:00.
8. The contractor shall include for externally run circuit cables supplying column luminaires, to be buried in 100mm diameter PVC ducts at 450mm below finished ground level.
9. The contractor shall ensure all externally run cables shall be PVC/SWA/PVC, refer to distribution board schedules for calculated cable sizes.
10. The contractor shall ensure all internally run cables shall be run internal. Surface mounted conduit will not be permitted on the facade of the building.
11. Circuit wiring which supplies building mounted luminaires shall be run internal. Surface mounted conduit will not be permitted on the facade of the building.
12. The contractor shall ensure all internally run cables shall be run internal. Surface mounted conduit will not be permitted on the facade of the building.
13. All building mounted luminaires shall be fed via the Static Inverter to provide emergency lighting to the place of safety.
14. Luminaires have been selected and positioned to provide 10 lux on pathways at 0.25 uniformity.

Key to symbols

- ⊙ J1 Thorlux Realta LED RL1907311W
- ⊙ J2 Thorlux Realta LED RL1911138W
- H1 Kingfisher TFAO1 STE-M-20W

References drawings

Rev	Date	Drawn	Description	Stage	Issue	JB	DC
P01	12/08/2019	CK		Stage 3	Issue		
						CK/d	App/d

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Title

**Occupational Health
and Wellbeing Centre
Proposed External Lighting Layout**

Designed	C Karayiylidis	CK	Eng check	P McBride	PM
Drawn	C Karayiylidis	CK	Coordination	P McBride	PM
Dwg check	J Brazendale	JB	Approved	D Carline	DC
Scale at A1	1:150	Status	S4	Rev	P1
Drawing Number	401713-MMD-63-XX-DR-E-0001	Security	STD		



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